

FRIEDMAN & BRUYA, INC.**ENVIRONMENTAL CHEMISTS**

Date of Report: November 2, 1993

Date Received: October 28, 1993

Project: 7238, Metro Self-Monitor, PO #M31573

Date Samples Extracted: October 28, 1993

Date Extracts Analyzed: October 28, 1993

**RESULTS FROM THE ANALYSIS OF THE WATER SAMPLE
FOR CHROMIUM, COPPER, NICKEL AND ZINC
Samples Processed Using Method 3005
Results Reported as mg/L (ppm)**

<u>Sample ID</u>	<u>Chromium</u>	<u>Copper</u>	<u>Nickel</u>	<u>Zinc</u>
M31573	1.3	0.57	0.74	0.59
<u>Quality Assurance</u>				
Blank	<0.07	<0.05	<0.05	<0.05
M31573 (Duplicate)	1.3	0.57	0.74	0.59
M31573 (Matrix Spike) % Recovery	104%	97%	96%	92%
M31573 (Matrix Spike Duplicate) % Recovery	103%	97%	97%	92%
Spike Blank % Recovery	120%	110%	111%	110%
Spike Level	5	5	10	5

FRIEDMAN & BRUYA, INC.
3098 B 16th Avenue West
Seattle, WA 98119

10 - BTB - A
10/28/93
13:55

SAMPLE CHAIN OF CUSTODY

Send Report To: ALASKAN COPPER WORKS Contact: Gerald Thompson
Company: P.O. Box 3546
Address: SEATTLE, WA. 98124
City, State, Zip: 1206) 623-6800 Date: 10/28/93
Phone #

SITE NO.

PROJECT NAME

PURCHASE ORDER #

7238

METRO SELF-MONITOR

M 31573

SAMPLERS (signature)

PROJECT LOCATION

REMARKS

SAMPLE DISPOSAL INFORM.

- ☐ Dispose after 30 days
☒ Return Samples
☐ Call for Instructions

SAMPLE #

Date/Time
Sampled

Type of
Sample

of
Jars

Lab
Sample #

Analyses
Requested

M 31573

10/28/93 12:45

WATER

1

415413

CB, CU, NI, ZN

SIGNATURE

PRINT NAME

COMPANY

Date

Time

Relinquished by:

Received by:

Relinquished by:

Received by:

Gerald Thompson

Scott O'Brien

Alaskan Copper Works

F. & B., Inc.

10/28/93

10/28/93

1:19 pm

13:22

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Andrew John Friedman
James E. Bruya, Ph.D.
(206) 285-8282

3008-B 16th Avenue West
Seattle, WA 98119
FAX: (206) 283-5044

DUPLICATE COPY

November 2, 1993

INVOICE # 93ACU1102-1

Alaskan Copper Works
628 South Hanford
Seattle, WA 98134

RE: Project 7238, Metro Self-Monitor, PO #M31573: Results of testing requested by Gerald Thompson, Project Leader and submitted on October 28, 1993.

1 water sample analyzed for Chromium, Copper,
Nickel and Zinc @ \$65 per sample

\$ 65.00

Amount Due

\$ 65.00

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Andrew John Friedman
James E. Bruya, Ph.D.
(206) 285-8282

3008-B 16th Avenue West
Seattle, WA 98119
FAX: (206) 283-5044

November 2, 1993

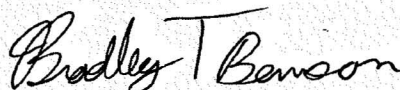
Gerald Thompson, Project Leader
Alaskan Copper Works
628 South Hanford
Seattle, WA 98134

Dear Mr. Thompson:

Enclosed are the results from the testing of material submitted on October 28, 1993 from Project 7238, Metro Self-Monitor, PO #M31573.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,



Bradley T. Benson
Chemist

BTB/dp

Enclosures